

10-15-04

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PATENTS
SSA/001 CON2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James K. Hamlin
Application No. : 10/677,397 Confirmation No.: 8870
Filed : October 1, 2003
For : SYSTEM AND METHOD FOR COMMUNICATING DATA
Group Art Unit : 2151
Examiner : Not Yet Assigned

Mail Stop: Amendment

Hon. Commissioner
for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

New York, New York
October 14, 2004

EXPRESS MAIL CERTIFICATION

Express Mail Label No. EV132185025US

Date of Deposit: October 14, 2004

I hereby certify that this certification and the following papers and fees:

1. Transmittal Letter (in duplicate);
2. Notice of Related Litigation;
3. Information Disclosure Statement;
4. PTO 1449 (in duplicate); and
5. Postcard.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Amendment.

Name:


Claire J. Saintil-van Goodman

Express Mail Label: EV132185025US



PATENTS
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PATENT APPLICATION

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Mail Stop AMENDMENT
Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R §§ 1.56 and 1.97, applicant
hereby makes the following references of record in the
above-identified application:

U.S. PATENTS

Perry et al. U.S. Patent No. 4,598,404
(07/01/1986)

Teng U.S. Patent No. 4,642,758 (02/10/1987)

Materna U.S. Patent No. 4,714,995 (12/22/1987)

Wright U.S. Patent No. 4,751,740 (06/14/1988)

Bourne U.S. Patent No. 4,905,138 (02/27/1990)

EV132185025US

Johnson et al. U.S. Patent No. 5,133,053
(07/21/1992)

Skeen et al. U.S. Patent No. 5,187,787
(02/16/1993)

Pasetes, Jr. et al. U.S. Patent No. 5,202,977
(04/13/1993)

Skeen et al. U.S. Patent No. 5,257,369
(10/26/1993)

Forrest et al. U.S. Patent No. 5,276,869
(01/04/1994)

Rusis U.S. Patent No. 5,339,434 (08/16/1994)

Hanatsuka U.S. Patent No. 5,394,546 (02/28/1995)

Baudoin U.S. Patent No. 5,406,557 (04/11/1995)

Tondevold et al. U.S. Patent No. 5,410,646
(04/25/1995)

Hemmady et al. U.S. Patent No. 5,438,565
(08/01/1995)

Lu U.S. Patent No. 5,522,066 (05/28/1996)

Pham et al. U.S. Patent No. 5,524,253
(06/04/1996)

Skeen et al. U.S. Patent No. 5,557,798
(09/17/1996)

Ogawa et al. U.S. Patent No. 5,608,874
(03/04/1997)

Martino, II U.S. Patent No. 5,680,551
(10/21/1997)

Narita et al. U.S. Patent No. 5,694,580
(12/02/1997)

Hsieh U.S. Patent No. 5,761,200 (06/02/1998)

Holmes U.S. Patent No. 5,790,809 (08/04/1998)

Darland et al. U.S. Patent No. 5,793,771
(08/11/1998)

Lazaridis et al. U.S. Patent No. 5,802,312
(09/01/1998)

Jenkins et al. U.S. Patent No. 5,812,669
(09/22/1998)

Oberlander et al. U.S. Patent No. 5,825,865
(10/20/1998)

Holzmann U.S. Patent No. 5,826,017 (10/20/1998)

Guck U.S. Patent No. 5,848,415 (12/08/1998)
Bracho et al. U.S. Patent No. 5,870,605
(02/09/1999)
Bracho et al. U.S. Patent No. 5,873,084
(02/16/1999)
Piskiel et al. U.S. Patent No. 5,893,911
(04/13/1999)
Gupta et al. U.S. Patent No. 5,913,061
(06/15/1999)
Piskiel et al. U.S. Patent No. 5,916,307
(06/29/1999)
Skeen et al. U.S. Patent No. 5,966,531
(10/12/1999)
Kalajan U.S. Patent No. 6,006,258 (12/21/1999)
Bracho et al. U.S. Patent No. 6,021,443
(02/01/2000)
Levac et al. U.S. Patent No. 6,034,970
(03/07/2000)
Lambert et al. U.S. Patent No. 6,038,601
(03/14/2000)
Chandra et al. U.S. Patent No. 6,091,724
(07/18/2000)
Piskiel et al. U.S. Patent No. 6,101,556
(08/08/2000)
Volftsun et al. U.S. Patent No. 6,111,893
(08/29/2000)
Smith et al. U.S. Patent No. 6,119,137
(09/12/2000)
Monroe U.S. Patent No. 6,130,917 (10/10/2000)
Snyder et al. U.S. Patent No. 6,161,147
(12/12/2000)
Ellis et al. U.S. Patent No. 6,195,662
(02/27/2001)
Brody et al. U.S. Patent No. 6,278,697
(08/21/2001)
Shimadoi et al. U.S. Patent No. 6,400,729
(06/04/2002)
Burks et al. U.S. Patent No. 6,453,297
(09/17/2002)

FOREIGN PATENT DOCUMENTS

EP 413,074 B1 (February 20, 1991)

PCT Int'l Publ'n. WO97/37500 (October 9, 1997)

OTHER DOCUMENTS

Agrawal, R., "ODE (Object Database and Environment): The Language and the Data Model," AT&T Bell Laboratories, Murray Hill, NJ 07974, ACM 0-89791-317-5/89/0005/0036 \$1.50, 1989

Berners-Lee, T. et al., "Hypertext Transfer Protocol - HTTP/1.0," Network Working Group Request for Comments: 1945, Category: Informational, pp. 1-60, May 1996

Best, Reginald P. et al., "Host Weds Switch - Produces Intelligent Call Distributor," TELEMARKETING, Teleos Communications, Inc., pp. 30-31, 34, August 1991

Borenstein, et al., "MIME (Multipurpose Internet Mail Extensions): Mechanisms for Specifying and Describing the Format of Internet Message Bodies," Network Working Group Request for Comments: 1341, pp. 1-66, June 1992

Cox, John, "User-designed Middleware Plays by the Rules," Network World, pp. 1, 64, July 22, 1996

Cupito, Mary C., "System Integration: Revving up the Interface Engines," Health Management Technology, Vol. 18, No. 13, pp. 18-20, 22, 58, December 1997

Desmond, Edward W., "Digital Watch: The Trends and Products that Drive the Tech Industry, How Your Data May Soon Seek You Out", FORTUNE, pp. 149-150, September 8, 1997

Dubuisson, Oliver, Chapter 2 Applications of ASN.1 (Or: Are You Using Software that Does ASN.1 encodings?), OSS Nokalva, pp. 357-387, 31 May 1999

Dubuisson, Oliver, ASN.1 Communication Between Heterogeneous Systems, OSS Nokalva, <http://www.oss.com/asn1/booksintro.html>, 5 June 2000

Ehr, Mark, "An Introduction to Messaging Technology," www.polarsoft.com, Polarsoft Limited, Boulder, Colorado, 2000

Eirund, Helmut; "Knowledge Based Document Classification Supporting Integrated Document Handling," Conference on Supporting Group Work Sponsored by ACM SIGOIS and IEEECS TC-OA on Office information systems, ACM Press, New York, NY, pp. 189-196, 1998

Foster, Robin, "Call Center Vision: Crafting Leadership through Discipline," Customer Service Excellence BCR, pp. 3-8, July 1995

Gopisetty, S. et al., "Automated Forms-Processing Software and Services," IBM J- Res. Develop., Vol. 40 No. 2, pp. 211-229, March 1996

Hinners, Bonny, "Mixed Messaging," LAN Magazine, pp. 57-58, 60, 64, July 1995

Hutchinson, Andrew et al., "Electronic Data Interchange Standards for Health Care," Research Report, Computer Science/Mathematics IBM Research Division (RZ 2756: # 89234), pp. 1-11, 20 October 1995

Johnson, Vicki, "IP Multicast: Making it Happen," Data Communications, pp. 76-81, May 21, 1997

Keshav, Reshma M., "Architecture Integration Elements: Connector Models that Form Middleware," The University of Tulsa, The Graduate School, A thesis submitted in partial fulfillment of the requirements for the degree of Master of Science of Computer Science, 1999

Ketler, Karen et al., "The EDI Implementation Decision: A Small Business Perspective," Proceedings of the 1997 ACM SIGCPR Conference April 3-5, San Francisco, California, USA, pp. 70-76, April 1997

Kutten, L. J. et al., "Chapter 8: Trading Partner Agreements," Electronic Contracting Law: EDI and Business Transactions, pp. 8-08 - 8-10

LaMonica, Martin, "App Integration: Alchemy or Glue," INFOWORLD, pp. 31, 36, November 10, 1997

Mann, John, "Message-Oriented Middleware," Network Computing, pp. 72-74, November 15, 1994

McClanahan, David, "Client/Server Databases in Interoperability and Distributed Systems," Network Computing, pp. CS1, CS6-CS9, January 15, 1994

Postel, Jonathan B., "Simple Mail Transfer Protocol," Information Sciences Institute of the University of Southern California, RFC 821, pp. 1-68, August 1982 .

Postel, J. et al., "File Transfer Protocol (FTP)," Network Working Group Request for Comments: 959, pp. 1-69, October, 1985

Rao, Bindu Rama, "Making the Most of Middleware, Keeping Distributed Applications From Boggling Down Means Knowing What's Up with RPC's and Message Oriented Middleware," Data Communications, pp. 89-96, Sept. 1995

Sheppard, Gordon, "Experiences Developing a Bank Loan System," Conference on Object Oriented Programming Systems Languages and Applications, ACM Press (1-58113-037-6), New York, NY, pp. 27-32, 1997

Socolofsky, T. et al., "A TCP/IP Tutorial," Network Working Group Request for Comments: 1180, pp. 1-28, January 1991

Stedman, Craig, "ActiveWeb Middleware Links Apps and Browsers," ComputerWorld, pp. 46, July 8, 1996

Uhlig, Ronald et al., "The Office of the Future Communication and Computers," Monograph Series of International Council for Computer Communications Volume 1, North-Holland Publishing Co., pp. 64-67, 1979

Van Steelandt, Carl, "AMI: An Intelligent Message Routing System," Conference with Presentation of Prototypes and Operational Demonstrations, MIT, Vol. 1, pp. 408-423, March, 21-24, 1988

A Model for Interface Groups, ACM Transactions on Computer Science, Vol. 5 No. 1, February, 1987

"Active Software: Corporate and Product Q & As," pp. 1-6, August 1997

"Active Software License Agreement," swlicense.fm, Wednesday, pp. 1-2, 18 December 1996

"Active Software Active aligns with tech leaders to shape the future of the systems integration industry", M2 PRESSWIRE, M2 Communications, Ltd., October 9, 1997

"Active Software Announces next generation of ActiveWeb" M2 PRESSWIRE, M2 Communications, Ltd., October 9, 1997

"Active Software Announces Contract with U.S. Department of Transportation for ActiveWeb; ActiveWeb Serves as Core for New Federal Government "Paperless Grants" system" Business Wire, Business Wire, Inc., April 8, 1997

"Active Software Announces Next Generation of ActiveWeb; ActiveWeb extends architecture to integrate information resources across the enterprise", Business Wire, Business Wire, Inc., August 11, 1997

"Active Software Announces Relationship With Netscape to Incorporate Latest Internet Technology Into the ActiveWeb Integration System; Active Software Leverages Netscape ONE, Netscape Communicator and Netscape Suite Spot to Enable Enterprise-Wide Access to Diverse Information Resources", Business Wire, Business Wire, Inc., August 18, 1997

"ACTIVE SOFTWARE: Active Software Sets up European operations", M2 PRESSWIRE, M2 Communications, Ltd., May 28, 1997

"Active Software Brings the Power of ActiveWeb to PeopleSoft Users, Offers Product Demonstration at PeopleSoft User Conference Booth No. 516", Business Wire, Business Wire, Inc., September 5, 1997

"Active Software Completes Second Round of Capital Financing: Investors Include KPCB Java Fund; Lehman Brothers; Robertson, Stephens, Partner Fund; Enterprise Partners; and Sierra Ventures" Business Wire, Business Wire, Inc., April 2, 1997

"Active Software Introduces ActiveWeb; Company's First Product Marries World Wide Web, Intranet, Internet and Corporate Legacy Applications, Business Wire, July 1, 1996

"Active Software Markets ActiveWeb to Silicon Graphics; Two Companies Collaborate to Provide Technology for the Corporate Intranet and Internet" Business Wire, July 1, 1996

"Active Software Signs Training Agreement With Paradigm Research; Paradigm to Provide ActiveWeb Training", Business Wire, Business Wire, Inc., January 23, 1997

"Active Software: Early Leader in Integrating Intranets/The Internet With Existing Computing Environments; New Company Introduces Partners, Products and Management Team", Business Wire, July 1, 1996

"ActiveWeb dbAdapter: Overview for DB Administrators and Developers," ActiveWeb dbAdapter Tech Note, Active Software, Inc., (M0008-122496) pp. 1-18, 1996

ActiveWeb Installation Guide - Active Web 1.2, Active Software, Inc., Part No. M0005-122496, 1995

"ActiveWeb Goes on Sale", Electronic Commerce News, Phillips Business Information, Inc., July 15, 1996

"ActiveWeb Links Java, Corporate Data", InternetWeek, CMP Media Inc., July 8, 1996

"ActiveWeb middleware links apps and browsers", Computerworld, Computerworld, Inc., July 8, 1996

"ActiveWeb middleware ties together disparate systems" Infoworld, Infoworld Media Group, August 11, 1997

"ActiveWeb Supports Microsoft Windows NT and SQL Server; Free 30-day Evaluation Copy Available on the Internet" Business Wire, Business Wire, Inc., October 1, 1996

"ActiveWeb Supports Microsoft Windows NT and SQL Server" M2 PRESSWIRE, M2 Communications, Ltd., October 2, 1996

"ActiveWeb pulls E-business together; Active Software introduces ActiveWeb 2.0 Brief Article; Product Announcement," ASAP, Information Access Company, A Thompson Corporation Company, September 12, 1997

"Briefly noted; News Briefs; Brief Article" ASAP, Information Access Company, a Thompson Corporation Company, July 1, 1996

Broker Admin User's Guide: ActiveWeb 1.2, Active Software, Inc., Part No. M0001-122496, pp. 1-80, 1995

Developing Event-based Applications: ActiveWeb 1.2, Active Software, Inc., Part No. M0002-122496, pp. 1-94, 1995

Enterprise Messaging Services (EMS™) Developer's Guide, EMS Release 3.3, Sybase Inc., 6475 Christie Ave, Emmerlyvill, CA, 94608, Document ID: 36315-01-0330-01, revised 15 July 1996

Enterprise Messaging Services (EMS™) Installation Guide, EMS Release 3.3, Sybase Inc., 6475 Christie Ave, Emmerlyvill, CA, 94608, Document ID: 36315-01-0330-01, revised 15 July 1996

Enterprise Messaging Services (EMS™) Developer's Guide, EMS Release 3.4, Sybase Inc., 6475 Christie Ave, Emmerlyvill, CA, 94608, Document ID: 36315-01-0340-01, revised 31 December 1996

"Internet Middleware; ActiveWeb" Network Computing, CMP Media Inc., May 1, 1997

Introduction to the ActiveWeb System: ActiveWeb 1.2, Active Software, Inc., Part No. M0004-122496, pp. 1-36, 1996

"Linking Legacy Systems and Net Technology" Internet Week, Phillips Business Information Inc., 1 July 1996

"New Era of Networks Provides IBM MQSeries Users with Complete Packaged Solution for Enterprise Application Integration; New Era of Networks Becomes IBM BESTeam Partner," Business Wire, Business Editors & High Tech Writers, August 18, 1997

"New Era of Networks Announces NEONet Version 2.2; Company Delivers Enterprise Software Product for Application Integration," Business Wire, Business Editors & High Tech Writers, 15 July 1996

"New Era of Networks Announces Immediate Availability of Enterprise Software for Application Integration; NEONet Release 2.3 Delivers Connectivity to Multi-Vendor Computing Environments," Business Wire, Business Editors & High Tech Writers, July 15, 1996

"NEW PRODUCTS", Electronic Commerce News, Phillips Business Information, Inc., August 18, 1997

"Prior Art Statement of Corporate Express," United States District Court Northern District of Illinois Eastern Division, Civil Action No. 02 C 6355, iWork Software, LLC v. Corporate Express Inc.

"Release Bulletin Enterprise Messaging Services (EMS™) Release 3.3 for DOS, Windows, and UNIX," Sybase Inc., 1989-1996, pp. 1-6, 15 July 1996

"Road Map to Developing ActiveWeb Applications," Roadmap.fm (02-C-6355 N.D. III), pp. 1-2, 18 December 1996

"Smooth Integrator", Informationweek, CMP Media Inc., August 4, 1997

"Startup testing C/S tier to create Net-ready apps; Active Software's ActiveWeb Developer Suite database middleware; Product Announcement," ASAP, Information Access Company, a Thompson Corporation Company, July 8, 1996

"Stipulated Dismissal with Prejudice and Order for Entry of Judgment," In the United States District Court For the Northern District of Illinois Eastern Division, Civil Action No. 02 C 6355, iWorks Software, LLC v. Corporate Express, Inc.

The ActiveWeb C Programmer's Guide and Reference: ActiveWeb 1.2, Active Software, Inc., Part No. M0003-122496, 1996

"The Corporate Computing Environment," ActiveWeb Inc., pp. 1-19

"Today's Question: What Are We In The Middle Of Now?," Network Computing, CMP Media Inc., December 1, 1996

Visual Java User's Guide: ActiveWeb 1.2, Active Software, Inc., Part No. M0006-122496, pp. 1-90, 1996

"Web Middleware Tolls the Death Knell of HTTP", Network Computing, CMP Media Inc., September 15, 1996

The aforementioned references are listed on the accompanying Form PTO-1449 (submitted in duplicate). These references were previously cited by or submitted to the Patent Office in U.S. Patent Application No. 09/906,222, filed July 16, 2001, or in U.S. Patent Application No. 09/000,751, filed December 30, 1997 (now U.S. Patent No. 6,130,888), from which the present application claims priority under 35 U.S.C. § 120. Accordingly, pursuant to 37 C.F.R. § 1.98(d), no copies of the references accompany this Information Disclosure Statement.

It is respectfully requested that these patents and documents be: (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent that may issue on this application. Applicant requests that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

Applicant respectfully requests that the Examiner pay particular attention to the Prior Art Statement submitted by Corporate Express in a related litigation. This Prior Art Statement purports to be directed to the validity of the claims of the '888 patent with respect to numerous references.

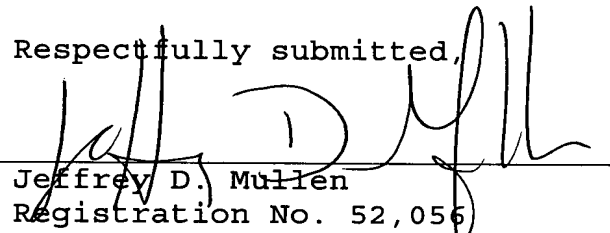
A number of non-confidential documents related to webMethod Inc's ActiveWeb system have previously been submitted. Additional ActiveWeb documents are being submitted herewith. The Prior Art Statement of Corporate Express refers to CD-ROMS containing several versions of software for the ActiveWeb system. The CD-ROMS were produced under an Attorneys' Eyes Only confidentiality designation.

The CD-ROMS were destroyed under a Protective Order that governed the suit. If the Examiner would like to examine the ActiveWeb software, the Examiner should notify applicant who will attempt to obtain copies from webMethod Inc. to be filed under seal.


This Information Disclosure Statement is submitted more than three months from the application filing date but before the mailing date of the first Office Action on the merits. In accordance with 37 C.F.R. § 1.97, submission of this Information Disclosure Statement requires no fee.

An early and favorable action is respectfully requested.

Respectfully submitted,



Jeffrey D. Mullen
Registration No. 52,056
Agent for Applicant
FISH & NEAVE LLP
Customer No. 1473
1251 Avenue of the Americas
New York, New York 10020-1105
Tel.: (212) 596-9000
Fax: (212) 596-9090

FORM PTO-1449 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. SSA/1 Con2	APPLICATION NO. 10/677,397
		APPLICANT Hamlin, James K.	CONFIRMATION NO. 8870
		FILING DATE 10/01/2003	GROUP 2151

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,598,404	07/01/1986	Perry et al.	371	49	
	4,642,758	02/10/1987	Teng	365	200	
	4,714,995	12/22/1987	Materna	364	200	
	4,751,740	06/14/1988	Wright	382	1	
	4,905,138	02/27/1990	Bourne	364	200	
	5,133,053	07/21/1992	Johnson et al.	395	200	
	5,187,787	02/16/1993	Skeen et al.	395	600	
	5,202,977	04/13/1993	Pasetes, Jr. et al.	395	500	
	5,257,369	10/26/1993	Skeen et al.	395	650	
	5,276,869	01/04/1994	Forrest et al.	395	600	
	5,339,434	08/16/1994	Rusis	395	700	
	5,394,546	02/28/1995	Hanatsuka	395	600	
	5,406,557	04/11/1995	Baudoin	370	61	
	5,410,646	04/25/1995	Tondevoid et al.	395	149	
	5,438,565	08/01/1995	Hemmady et al.	370	60	
	5,522,066	05/28/1996	Lu	375	600	
	5,524,253	06/04/1996	Pham et al.	395	800	
	5,557,798	09/17/1996	Skeen et al.	395	650	
	5,608,874	03/04/1997	Ogawa et al.	395	200.15	
	5,680,551	10/21/1997	Martino, II	395	200.15	
	5,694,580	12/02/1997	Narita et al.	395	500	
	5,761,200	06/02/1998	Hsieh	370	364	
	5,790,809	08/04/1998	Holmes	395	200.58	
	5,793,771	08/11/1998	Darland et al.	370	467	
	5,802,312	09/01/1998	Lazaridis et al.	395	200.68	
	5,812,669	09/22/1998	Jenkins et al.	380	25	
	5,825,865	10/20/1998	Oberlander et al.	379	211	
	5,826,017	10/20/1998	Holzmann	709	230	
	5,848,415	12/08/1998	Guck	707	10	
	5,870,605	02/09/1999	Bracho et al.	395	682	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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	5,873,084	02/16/1999	Bracho et al.	707	10	
	5,893,911	04/13/1999	Piskiel et al.	707	10	
	5,913,061	06/15/1999	Gupta et al.	395	680	
	5,916,307	06/29/1999	Piskiel et al.	709	300	
	5,966,531	10/12/1999	Skeen et al.	395	683	
	6,006,258	12/21/1999	Kalajan	709	219	
	6,021,443	02/01/2000	Bracho et al.	709	241	
	6,034,970	03/07/2000	Levac et al.	370	466	
	6,038,601	03/14/2000	Lambert et al.	709	226	
	6,091,724	07/18/2000	Chandra et al.	370	390	
	6,101,556	08/08/2000	Piskiel et al.	709	313	
	6,111,893	08/29/2000	Volftsun et al.	370	466	
	6,119,137	09/12/2000	Smith et al.	707	523	
	6,130,917	10/10/2000	Monroe	375	295	
	6,161,147	12/12/2000	Snyder et al.	709	310	
	6,195,662	02/27/2001	Ellis et al.	707	103	
	6,278,697	08/21/2001	Brody et al.	370	310	
	6,400,729	06/04/2002	Shimadoi et al.	370	466	
	6,453,297	09/17/2002	Burks et al.	705	3	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 413 074 B1	02/20/1991	EPO	G06F	15/16		
	WO 97/37500	10/09/1997	PCT	H04Q	3/00		

EXAMINER

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	"1994 IEEE Symposium on Emerging Technologies and Factory Automation Proceedings," Institute of Industrial Science, The University of Tokyo, November 6-10, 1994
	Alder, Mike et al, PNG (Portable Network Graphics), W3C Version 1.0, October 1, 1996. < http://www.w3.org/TR/REC-png > (visited July 15, 2002)
	Alder, Sharon et al, Extensible Markup Language (XML), W3C Working Draft, November 14, 1996. < http://www.w3.org/TR/WD-xml-961114.html > (visited July 15, 2002)
	Agrawal, R., "ODE (Object Database and Environment): The Language and the Data Model," AT&T Bell Laboratories, Murray Hill, NJ 07974, ACM 0-89791-317-5/89/0005/0036 \$1.50, 1989
	Arens, Yigal et al, "Retrieving and Integrating Data From Multiple Information Sources", Information Sciences Institute, University of Southern California.
	Belville, Sharon, "Zephyr on Athena", <u>Athena Documentation</u> , Version 3, Massachusetts Institute of Technology, pp. 1-29, 10 September 1991
	Berners-Lee, T. et al., "Hypertext Transfer Protocol – HTTP/1.0," Network Working Group Request for Comments: 1945, Category: Informational, pp. 1-60, May 1996
	Bernstein, Philip, Middleware, Communications of the ACM, Vol. 39, No. 2, pp 86-98, February 1996.
	Best, Reginald P. et al., "Host Weds Switch - Produces Intelligent Call Distributor," <u>TELEMARKETING</u> , Teleos Communications, Inc., pp. 30-31, 34, August 1991
	Biby, Daniel J., "How has EDI Contributed to the Bottom Line?," <u>E-D-V or D-V-E Will Your Corporation be Ready for the 21st Century? A Comprehensive Look at Electronic Data Interchange</u> , pp. 11-15
	Biby, D., "EDI or DIE: Will Your Corporation Be Ready for the 21 st Century?," pg. 10-15.
	Birman, K. et al., "ISA Project: A Model for Interface Groups", Advanced Networked Systems Architecture, pp. 49-76, September 14, 1990.
	Birman, K. et al., "Reliable Communication in the Presence of Failures, Advanced Networked Systems Architecture: ISA Project, A Model for Interface Groups," <u>ACM Transactions on Computer Systems</u> , Vol. 5, No. 1, pp. 49-76, February 1987
	Birman, Kenneth et al., "Exploiting Virtual Synchrony in Distributed Systems," <u>Proceedings of the Eleventh ACM Symposium on Operating Systems Principles Austin, Texas: Operating Systems Review: A Quarterly Publication of the Special Interest Group on Operating Systems</u> , Vol. 21, No. 5, ACM Press (089791-242-X/87/0011/0123), pp. 123-137, 1987
	Birman, Kenneth P. et al., "ISIS Documentation: Release 1," Defense Advanced Projects agency (DoD) under ARPA order 5378, Contract N00140-87-C-8904, Cornell University, Department of Computer Science, pp. 31-32, July 1987
	Birman, K. et al., <u>The ISIS System Manual</u> , ISIS Project, 15 March 1988

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. SSA/1 Con2	APPLICATION NO. 10/677,397
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	FILING DATE 10/01/2003	GROUP 2151

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Birman, Kenneth et al., "Programming Your Way Out of the Past: ISIS and the META Project," <u>Sun Technology</u> , pp. 90-104, Summer 1989
	Blackwell, Trevor, "Fast Decoding of Tagged Message Formats," <u>IEEE INFOCOM'96: The Conference on Computer and Communications Societies: Networking the Next Generation</u> , (0743-166X/96) 1996, pp. 224-231
	Blattner, Meera M. et al., "A User Interface for Computer-Based Message Translation," <u>Proceedings of the Twenty-Second Annual Hawaii International Conference on: System Sciences</u> , Vol IV, (0073-1129/89/0000/0043), pp. 43-51, 1989
	Borenstein, et al., "MIME (Multipurpose Internet Mail Extensions): Mechanisms for Specifying and Describing the Format of Internet Message Bodies," Network Working Group Request for Comments: 1341, pp. 1-66, June 1992
	Bort, Julie, "Can Message Brokers Deliver?" <u>Software Magazine</u> , V16, N6, p70(5), ISSN: 0897-8085, June 1996
	Bracho, Raphael, "Mastering Corporate Computing with the ActiveWeb System," Active Software (02-C-6355 N.D. III), 2 August 1996
	Brielman, Maria et al., "Representing the Hardware Design Process by a Common Data Schema", IEEE 0-8186-2780, pp 564-569, August 1992.
	Brown, Michael, Technical Report Series: "A Memory Model for Case Retrieval by Activation Passing", Department of Computer Science, University of Manchester, pp 1-248, February 1, 1994.
	Clark, David, "Architectural Considerations For a New Generation of Protocols", Laboratory for Computer Science, M.I.T., ACM 089791-405-8/90/0009/020, 1990.
	Collyer, Geoff et al., "News Need Not Be Slow," <u>Conference Proceedings of the Professional and Technical UNIX Association: Technical Conference Washington, D.C., USENIX</u> , 1987
	Connolly, Dan, A Lexical Analyzer for HTML and Basic SGML, W3C Working Draft, June 15, 1996. < http://www.w3.org/TR/WD-sgml-lex/ > (visited July 15, 2002)
	Ciancarini, Paolo, "Coordination Models and Languages as Software Integrators", ACM Computing Surveys, Vol. 28, No. 2, June 1996.
	Ciancarini, P et al., "Using the Web to Coordinate Distributed Applications", Department of Computer Science, University of Bologna.
	Cox, John, "User-designed Middleware Plays by the Rules," <u>Network World</u> , pp. 1, 64, July 22, 1996
	Crawford, John, "An Electronic Design Interchange Format", IEEE, Paper 46.1, 0738-100X/84/0000/0683, 1984.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Cupito, Mary C., "System Integration: Revving up the Interface Engines," <u>Health Management Technology</u> , Vol. 18, No. 13, pp. 18-20, 22, 58, December 1997
	Currie, I.F., TDF Specification, Issue 4.0, June 1995.
	Davies, N.B. et al., "History of Computing. UNCOL (Universal Computer Orientated Language), Math0030 – History, Heresy, & Heretics, University of Bath. < http://homepage.ntlworld.com/michael.harley/uncol.html > (visited July 14, 2002)
	DellaFera, C. Anthony et al., "The Zephyr Notification Service," Digital Equipment Corporation: Project Athena, Massachusetts Institute of Technology, Cambridge, MA, USA, pp. 1-9, February 1988
	DellaFera, C. Anthony et al., "Section E.4.1 - Zephyr Notification Service," <u>Project Athena Technical Plan</u> , Massachusetts Institute of Technology, 5 June 1989
	Desmond, Edward W., "Digital Watch: The Trends and Products that Drive the Tech Industry, How Your Data May Soon Seek You Out", <u>FORTUNE</u> , pp. 149-150, September 8, 1997
	Dobinson, Elaine, "Remote Access Tool For Earth Science Data", IEEE, Proceedings of the 9 th International Conference on Scientific and Statistical Database Management, February, 1997.
	Dubuisson, Oliver, <u>Chapter 2 Applications of ASN.1 (Or: Are You Using Software that Does ASN.1 encodings?)</u> , OSS Nokalva, pp. 357-387, 31 May 1999
	Dubuisson, Oliver, <u>ASN.1 Communication Between Heterogeneous Systems</u> , OSS Nokalva, http://www.oss.com/asn1/booksintro.html , 5 June 2000
	Ehr, Mark, "An Introduction to Messaging Technology," www.polarsoft.com , Polarsoft Limited, Boulder, Colorado, 2000
	Eirund, Helmut, "Knowledge Based Document Classification Supporting Integrated Document Handling," <u>Conference on Supporting Group Work Sponsored by ACM SIGOIS and IEEECS TC-OA on Office information systems</u> , ACM Press, New York, NY, pp. 189-196, 1998
	Ekiz, H. et al., "Performance Analysis of a CAN/CAN Bridge," <u>Proceedings of the International Conference on Network Protocols</u> , University of Sussex, School of Engineering, IEEE (0-8186-7453-9/96), pp. 181-188, 1996
	Emmelhainz, Margaret A., "Why EDI?," <u>Electronic Data Interchange: A Total Management Guide</u> , pp. 26-31
	Eurich, John, "A Tutorial Introduction to the Electronic Design Interchange Format", IEEE, 23 rd Design Automation Conference, Paper 18.1, 0738-100X/86/0000/0327, 1986.
	Filer, Nick et al, "Integrating CAD Tools into a Framework Environment Using a Flexible and Adaptive Procedural Interface", Department of Computer Science, The University of Manchester, ACM 0-89791-685-9/94/0011, September 1994.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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	FILING DATE 10/01/2003	GROUP 2151

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Foster, Robin, "Call Center Vision: Crafting Leadership through Discipline," <u>Customer Service Excellence BCR</u> , pp. 3-8, July 1995
	Frank, Ariel J. et al., "Multicast Communication on Network Computers," <u>IEEE Software</u> , IEEE (0740-7459/85/0500/0049501.00), pp. 49-61, 1985
	French, Robert S. et al., "The Zephyr Programmer's Manual: Protocol Version ZEPH0.2," pp. 1-82, 5 April 1989
	Gallagher, James et al., "Data Transport Within The Distributed Oceanographic Data System", W3 Journal. < http://www.w3journal.com/1/gallagher.067/paper/067.html > (visited July 15, 2002)
	Gaines, Brian R. et al., "Knowledge Acquisition and Representation Techniques in Scholarly Communication", pp 197-206, Knowledge Science Institute, University of Calgary, DOC 95-10/95, ACM 0-89791-713-8/95/0010, 1995.
	Gerson, Gordon M., "The Integration of EDI into the Corporate Information Structure," <u>The Emergence of EDI: Electronic Data Interchange</u> , Vol. 1, Reprints from the EDP AUDITOR JOURNAL, pp. 44-45, 1990
	Gettys, Jim, "Hypertest Transport Protocol, HTTP/1.1", Digital Equipment Corporation, Presentation at the World Wide Web Consortium, October 17, 1996.
	Gianfagna, Michael, "A Unified Approach to Test Data Analysis", RCA Corporation.
	Gibbons, Phillip B., "A Stub Generator for Multilanguage RPC in Heterogeneous Environments," <u>IEEE Transactions on Software Engineering</u> , Vol. SE-13, No. 1, IEEE(0098-5589/87/0100-0077), 77-87, January 1987
	Gopisetty, S. et al., "Automated Forms-Processing Software and Services," <u>IBM J- Res. Develop.</u> , Vol. 40 No. 2, pp. 211-229, March 1996
	Gordon, Ronald D., "Providing Multiple-Channel Communication Using the Experimental Digital Switch," <u>IEEE Transactions on Communications</u> , Vol. Com-30, No. 6, IEEE (0090-6778/82/0600-1409), pp. 1409-1416, June 1982
	Haslam, Warren, "Mapping Between Express Models", Computer Aided Design Group, University of Manchester, pp 1-14, May 1996.
	Haslam, Warren et al., "A Mapping from EDIF Version 4.0 to Gerber", Department of Computer Science, The University of Manchester, pp 1-6, November 1995.
	Haslam, Warren, "A Review of EXPRESS Software Development Toolkits", Computer Aided Design Group, University of Manchester, pp 1-3, 1996.
	Hinners, Bonny, "Mixed Messaging," <u>LAN Magazine</u> , pp. 57-58, 60, 64, July 1995
	Hornberger, Patrick, "ANDF Extensions for the Fortran90 Array Operations", Northeast Parallel Architectures Center, Open Software Foundation, Syracuse, N.Y., 1993.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Hughes, Larry, "A Multicast Interface for Unix 4.3," <u>Software - Practice and Experience</u> , Vol. 18(1), John Wiley & Sons, Ltd. (0038-0644/88/010015-13), pp. 15-27, January 1988
	Hutchinson, Andrew et al., "Electronic Data Interchange Standards for Health Care," <u>Research Report</u> , Computer Science/Mathematics IBM Research Division (RZ 2756: # 89234), pp. 1-11, 20 October 1995
	Hutchins, Robert et al., "How to Write and Awk and Perl Scripts to Enable your EDA Tools to Work Together", 33 rd Design Automation Conference, Las Vegas, NV, ACM 0-89791-833-9/96/0006, 1996.
	Johnson, Andrew et al., "The ANDF Technology Program at the OSF RI," Grenoble and Cambridge Research Institutes, pp. 1-6, 29 June 1993
	Johnson, Vicki, "IP Multicast: Making it Happen," <u>Data Communications</u> , pp. 76-81, May 21, 1997
	Jones, K., "Supply Chain Security: Striking the Right Balance."
	Kahn, Hilary et al. "The Electronic Design Interchange Format EDIF: Present and Future", Department of Computer Science, University of Manchester. 29 th ACM/IEEE Design Automation Conference, Paper 40.1, 0738-100X/92, pp 666-671, 1992.
	Kantardzic, M. et al., "Graphical Knowledge Based Electronic Mail System (GKBEMS)," <u>6th Mediterranean Electrotechnical Conference Proceedings Volume II</u> , IEEE (CH2964-5/91/0000-1165), pp. 1165-1168, May 1991
	Keshav, Reshma M., "Architecture Integration Elements: Connector Models that Form Middleware," The University of Tulsa, The Graduate School, A thesis submitted in partial fulfillment of the requirements for the degree of Master of Science of Computer Science, 1999
	Ketler, Karen et al., "The EDI Implementation Decision: A Small Business Perspective," <u>Proceedings of the 1997 ACM SIGCPR Conference April 3-5, San Francisco, California, USA</u> , pp. 70-76, April 1997
	Kiencke, Uwe, "Serial Communication Network Among Distributed Microcontrollers," <u>Wescon/86 Conference Record</u> , presented Anaheim, CA; pp. 1-9, November 1986
	Kimbrough, Steven et al., "On Semantically-Accessible Messaging in an Office Environment," <u>Proceedings of the Twenty-Second Annual Hawaii International Conference on System Sciences</u> , Vol. III, IEEE (0073-1129/89/0000/0566), pp. 566-574, 1989
	Krauskopf, Tim et al, "PICS Label Distribution Label Syntax and Communications Protocols", W3C Recommendation, October 31, 1996 < http://www.w3.org/TR/REC-PICS-labels > (visited July 15, 2002)
	Kutten, L. J. et al., "Chapter 4: The Mechanics of a Typical EDI Transaction," <u>Electronic Contracting Law: EDI and Business Transactions</u> , pp. 4-00
	Kutten, L. J. et al., "Chapter 8: Trading Partner Agreements," <u>Electronic Contracting Law: EDI and Business Transactions</u> , pp. 8-08 - 8-10
	LaMonica, Martin, "App Integration: Alchemy of Glue," <u>INFOWORLD</u> , pp. 31, 36, November 10, 1997

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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	FILING DATE 10/01/2003	GROUP 2151

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Lau, Rachel et al, "Information Modelling of EDIF", 30 th ACM/IEEE Design Automation Conference, ACM 0-89791-577-1/93/0006-0278, pp 278-283, 1993.
	Li, Wanhao et al, "A Unified Data Exchange Environment Based on EDIF", 26 th ACM/IEEE Design Automation Conference, ACM 0-89791-310-8/89/0006/0803, pp 803-806, August 1989.
	Lum, V. Y. et al., "A General Methodology for Data Conversion and Restructuring," <u>Data Conversion</u> , Vol. 20, No. 5, pp. 483-497, September 1976
	Malone, Thomas et al. "Intelligent Information-Sharing Systems" <u>Communications of the ACM Volume 30 Number 5</u> , pp. 390-402, May 1987
	Mann, John, "Message-Oriented Middleware," <u>Network Computing</u> , pp. 72-74, November 15, 1994
	Marathe, Madhav; "Performance of a MAP Network Adapter," <u>IEEE Network Volume 2 No. 3</u> , IEEE (0890-8044/88/0005-0082), pp. 82-89, May 1998
	Mazer, Murray et al. "Logical Routing Specification in Office Information Systems," <u>ACM Transactions on Office Information Systems</u> , Vol. 2, No. 4, pp. 303-330, October 1984
	McClanahan, David, "Interoperability and Distributed Systems Client/Server Databases," <u>Network Computing</u> , pp. CS1, CS6-CS9, January 15, 1994
	Meier, Michael et al, "Experiences with Building Distributed Debuggers", SPDT '96, ACM 0-89791-846-0/96/05, Philadelphia PA, pp 70-79, 1996.
	Miller, James et al., "Software Development for the Space Station Freedom Program in the Year 2000", Washington Ada Symposium Proceedings, pp 301-312, June 1990.
	Moosa, Zahir, "Practical Inter-Operation of CAD Tools Using a Flexible Procedural Interface", IEEE 0-8186-7156-4/95, pp 34-39, 1995.
	Motiwalla, Luvai et al., "A Knowledge-Based Mail System to Support Managerial Activities," <u>Proceedings of the Twenty-Second Annual Hawaii International Conference on System Science</u> , Vol. III, IEEE (0073-1129/89/0000/0650), pp. 650-659, 1989
	Mylopoulos, John et al., "A Generic Integration Architecture for Cooperative Information Systems", Proceedings of the First IFCIS International Conference on Cooperative Information Systems (CoopIS'96), 0-8186-7505-5/96, pp 208-217, 1996.
	Nagao, Y. et al., "Net-Based Cooperative Control for Autonomous Distributed Systems," <u>IEEE Symposium on Emerging Technologies & Factory Automation (3rd. INSTI)</u> , IEEE (0-7803-2114-6/94), pp. 350-357, 1994
	Neufeld, Gerald et al., "An Overview of ASN.I," <u>Computer Networks and ISDN Systems 23</u> , Elsevier Science Publishers B.V. (0169-7552/92), pp. 393-415, 1992

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Neve, J. J. .L. et al., "Application of Manufacturing Message Specification for Flexible Manufacturing System Control," Computers in Industry, Elsevier Science B.V. (PH S0166-3615(96)00002-4), pp. 159-168, 1996
	Nicol, Gavin, "DynaWeb: Interfacing Large SGML Repositories and the WWW", W3 Journal. < http://www.w3journal.com/1/nicol.112/paper/112.html > (visited July 5, 2002)
	Oki, Brian et al., "The Information Bus – An Architecture for Extensible Distributed Systems, Teknekron Software Systems, Inc., SIGOPS '93/12/93/N.C., ACM 0-89791-632-8/93/0012, pp 58-68, 1993.
	Palme, Jacob, "Distribution Agents (mailing lists) in Message Handling Systems," <u>Computer Message Systems - 85</u> , North-Holland Publishing Company, pp. 117-131, 1986
	Papazoglou, M. et al., "A Translation Protocol Achieving Consensus of Semantics between Cooperating Heterogenous Database Systems", IEEE, 0-8186-7505, pp 78-89, May 1996.
	Parunak, H. et al., "MAPCon: An Expert System to Configure Communications Networks", CD2712-8/89/0000/0023, IEEE, pp. 23-28, 1989.
	Paulk, Mark C., "The ARC Network-A Case Study," <u>IEEE Software</u> , IEEE (0740-7459/85/0500/0062), pp. 62-69, 1985
	Peeling, N., "ANDF Features and Benefits", February 5, pp 1-9, 1992.
	Pimentel, J.R., "Efficient Encoding of Application Layer PDU's for Fieldbus Networks," <u>Computer Communication Review</u> , A Quarterly Publication of the Special Interest Group on Data Communication, Volume 18, Number 3, acm Press, pp. 14-44, May/June 1998
	Pleinevaux, P., "MicroMMS-A Compact Abstract Syntax for MMS," <u>Symposium on Emerging Technologies & Factory Automation</u> , IEEE (0-7803-2114-6/94), pp. 304-311, November 1994
	Port, Graeme et al., "Requirements for Taking Applications Beyond the Enterprise", W3 Journal. < http://www.w3journal.com/1/port.319/paper/319.html > (visited July 5, 2002)
	Postel, Jonathan B., "Simple Mail Transfer Protocol," Information Sciences Institute of the University of California, RFC 821, pp. 1-68, August 1982
	Postel, J. et al., "File Transfer Protocol (FTP)," Network Working Group Request for Comments: 959, pp. 1-69, October, 1985
	Presotto, David, "UPAS – A Simpler Approach to Network Mail", AT&T Bell Laboratories, Murray Hill, New Jersey 07974, pp 1-6.
	Raja, Prasad, "Design and Implementation of a Robust Fieldbus Protocol," <u>IEEE International Symposium on Industrial Electronics, Budapest</u> , IEEE (0-7803-1227-9/93), pp. 560-564, June 1993

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Ramos, Carlos, "An Architecture and a Negotiation Protocol for the Dynamic Scheduling of Manufacturing Systems," <u>IEEE International Conference on Robotics and Automation</u> , San Diego, California, IEEE (1050-4729/94), pp. 3161-3166, May 1994
	Rao, Bindu, "Making the Most of Middleware," <u>Data Comm Magazine</u> , pp. 89-96, May 21, 1995
	Reiss, Steven P., "Integration Mechanisms in the FIELD Environment," Brown University, Computer Science Department, Providence, RI, USA, Technical Report No.: CS-88-18, October 1988
	Roberts, M., "CEDIF: A Data Driven EDIF Reader", 26 th ACM/IEEE Design Automation Conference, ACM 0-89791-310-8/89/0006/081818, pp 818-821, 1989.
	Schuster, Hans et al., "A General Framework for the Execution of Heterogenous Programs in Workflow Management Systems", IEEE 0-8186-7505-5/96, pp 104-113, 1996.
	Schutz, Henrik "The Role of MAP in Factory Integration," <u>IEEE Transactions on Industrial Electronics: A Publication of the IEEE Industrial Electronics Society</u> , Volume 35, Issue 1, IEEE (0278-0046/88/0200-0006), pp. 6-12, 1988
	Schwartz, Michael et al., "Supporting Resource Discovery Among Public Internet Archives Using a Spectrum of Information Quality", Department of Computer Science, University of Colorado, pp 1-17, September 1990.
	Shahdad, Moe, "An Interface Between VHDL and EDIF", CAD Language Systems, Inc., 24 th ACM/IEEE Design Automation Conference, ACM 0738-100X/87/0600-0472, pp 472-478, 1987.
	Sheppard, Gordon, "Experiences Developing a Bank Loan System," <u>Conference on Object Oriented Programming Systems Languages and Applications</u> , ACM Press (1-58113-037-6), New York, NY, pp. 27-32, 1997
	Socolofsky, T. et al., "A TCP/IP Tutorial," Network Working Group Request for Comments: 1180, pp. 1-28, January 1991
	Strand, Eric et al., "Applications Thrive on Open Systems Standards", <u>StandardView</u> Vol. 2, No. 3, pp 148-154, September 1994.
	Stedman, Craig, "ActiveWeb Middleware Links Apps and Browsers," <u>ComputerWorld</u> , pp. 46, July 8, 1996
	Tanebaum, Andrew S. et al., "A Retrospective and Evaluation of the Amoeba Distributed Operating System," Vrije Universiteit, Department of Mathematics and Computer Science, De Boelelaan 1081, Amsterdam, The Netherlands
	Tsichritzis, Dennis et al., "A System for Managing Structured Messages," <u>IEEE Transactions on Communications</u> Vol. Com-30, No. 1, IEEE (0090-6778/82/0100-0066), pp. 66-73, 1982
	Uhlig, Ronald et al., "The Office of the Future Communication and Computers," <u>Monograph Series of International Council for Computer Communications Volume 1</u> , North-Holland Publishing Co., pp. 64-67, 1979

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	Van Dyke Parunak, H. et al., "MAPCon--An Expert System to Configure Communications Networks," The 5th Conference on Artificial Intelligence Applications, Miami, Florida, IEEE (2712-8/89/0000/0023), pp. 23-28, 1989
	Van Steelandt, Carl, "AMI: An Intelligent Message Routing System," <u>Conference with Presentation of Prototypes and Operational Demonstrations</u> , MIT, Vol. 1, pp. 408-423, March, 21-24, 1988
	Virdhagriswaran, Sankar et al., "Manufacturing Collaboration Resource Discovery System (McRDS)," <u>Proceedings of the Fourth Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises</u> , IEEE (1080-1383/95), pp. 117-126, 1995
	Vitria Technology Inc., "Vitra Implementation Process Methodology White Paper", 945 Stewart Drive, Sunnyvale, CA 94086.
	Vitria Technology Inc., "Vitra Collaborative Information Model (CIM)", 945 Stewart Drive, Sunnyvale, CA 94086.
	Ward, Kay, "EDI and Translation Software," <u>EDI Forum: The Journal of Electronic Data Interchange</u> , pp. 138, 1989
	Weaver, Alfred et al., "Computer Communications for Factory Automation," <u>Proceedings of the Second ISIE Budapest Symposium: IEEE International Symposium on Industrial Electronics</u> , IEEE (0-7803-1227-9/93), pp. 413-418, 1993
	Whitaker, Nigel et al., "EDIF/CFI Interoperability", Department of Computer Science, University of Manchester.
	Whitaker, Nigel, "HDL Support Software", MINT Group, Department of Computer Science, University of Manchester, pp 1-9, 1996.
	Whitaker, Nigel, "PCD Benchmark Conversion", MINT Group, Department of Computer Science, University of Manchester, pp 1-7, 1996.
	Whitaker, Nigel, "Status Report on EDA Benchmarks", MINT Group, University of Manchester, Document Number STEED/T1/01/4, pp 1-19.
	Wiederhold, Gio, "Mediators in the Architecture of future Information Systems", Stanford University, September 1991 (an edited version of the report was published in The IEEE Computer Magazine, March 1992), pp 1-36.
	A Model for Interface Groups, <u>ACM Transactions on Computer Science</u> , Vol. 5 No. 1, February, 1987
	"A Guide to the TDF Specification", Issue 4.0, Defense Research Agency, St. Andrews Road, Malern, Morcestershire, United Kingdom WR14 3PS, Crown Copyright, June 1995.
	"Active Software" Active aligns with tech leaders to shape the future of the systems integration industry", M2 PRESSWIRE, M2 Communications, Ltd., October 9, 1997

EXAMINER

DATE CONSIDERED

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		FILING DATE 10/01/2003	GROUP 2151
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	"Active Software Announces next generation of ActiveWeb" <u>M2 PRESSWIRE</u> , M2 Communications, Ltd., October 9, 1997
	"Active Software Announces Contract with U.S. Department of Transportation for ActiveWeb; ActiveWeb Serves as Core for New Federal Government "Paperless Grants" system" <u>Business Wire</u> , Business Wire, Inc., April 8, 1997
	"Active Software Announces Next Generation of ActiveWeb; ActiveWeb extends architecture to integrate information resources across the enterprise", <u>Business Wire</u> , Business Wire, Inc., August 11, 1997
	"Active Software Announces Relationship With Netscape to Incorporate Latest Internet Technology Into the ActiveWeb Integration System; Active Software Leverages Netscape ONE, Netscape Communicator and Netscape Suite Spot to Enable Enterprise-Wide Access to Diverse Information Resources", <u>Business Wire</u> , Business Wire, Inc., August 18, 1997
	"ACTIVE SOFTWARE: Active Software Sets up European operations", <u>M2 PRESSWIRE</u> , M2 Communications, Ltd., May 28, 1997
	"Active Software Brings the Power of ActiveWeb to PeopleSoft Users, Offers Product Demonstration at PeopleSoft User Conference Booth No. 516", <u>Business Wire</u> , Business Wire, Inc., September 5, 1997
	"Active Software Completes Second Round of Capital Financing: Investors Include KPCB Java Fund; Lehman Brothers; Robertson, Stephens, Partner Fund; Enterprise Partners; and Sierra Ventures" <u>Business Wire</u> , Business Wire, Inc., April 2, 1997
	"Active Software: Corporate and Product Q & As," pp. 1-6, August 1997
	"Active Software Introduces ActiveWeb; Company's First Product Marries World Wide Web, Intranet, Internet and Corporate Legacy Applications, <u>Business Wire</u> , July 1, 1996
	"Active Software License Agreement," swlicense.fm, Wednesday, pp. 1-2, 18 December 1996
	"Active Software Markets ActiveWeb to Silicon Graphics; Two Companies Collaborate to Provide Technology for the Corporate Intranet and Internet" <u>Business Wire</u> , July 1, 1996
	"Active Software Signs Training Agreement With Paradigm Research; Paradigm to Provide ActiveWeb Training", <u>Business Wire</u> , Business Wire, Inc., January 23, 1997
	"Active Software: Early Leader in Integrating Intranets/The Internet With Existing Computing Environments; New Company Introduces Partners, Products and Management Team", <u>Business Wire</u> , July 1, 1996
	"ActiveWeb dbAdapter: Overview for DB Administrators and Developers," <u>ActiveWeb dbAdapter Tech Note</u> , Active Software, Inc., (M0008-122496) pp. 1-18, 1996
	<u>ActiveWeb Installation Guide – Active Web 1.2</u> , Active Software, Inc., Part No. M0005-122496, 1995
	"ActiveWeb Goes on Sale", <u>Electronic Commerce News</u> , Phillips Business Information, Inc., July 15, 1996
	"ActiveWeb Links Java, Corporate Data", <u>InternetWeek</u> , CMP Media Inc., July 8, 1996
	"ActiveWeb middleware links apps and browsers", <u>Computerworld</u> , Computerworld, Inc., July 8, 1996

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EXAMINER INITIAL	
	"ActiveWeb middleware ties together disparate systems" <u>Infoworld</u> , Infoworld Media Group, August 11, 1997
	"ActiveWeb Supports Microsoft Windows NT and SQL Server; Free 30-day Evaluation Copy Available on the Internet" <u>Business Wire</u> , Business Wire, Inc., October 1, 1996
	"ActiveWeb Supports Microsoft Windows NT and SQL Server" <u>M2 PRESSWIRE</u> , M2 Communications, Ltd., October 2, 1996
	"ActiveWeb pulls E-business together; Active Software introduces ActiveWeb 2.0", <u>ASAP</u> , Information Access Company, A Thompson Corporation Company, September 12, 1997
	"Boulder IO", Massachusetts Institute of Technology, Genome Software. < http://www-genome.wi.mit.edu/genome_software/other/boulder.html > (visited July 15, 2002)
	"Briefly noted; News Briefs; Brief Article" <u>ASAP</u> , Information Access Company, a Thompson Corporation Company, July 1, 1996
	<u>Broker Admin User's Guide: ActiveWeb 1.2</u> , Active Software, Inc., Part No. M0001-122496, pp. 1-80, 1995
	"Description of LPM Modules", LPM 2 2 0.
	<u>Developing Event-based Applications: ActiveWeb 1.2</u> , Active Software, Inc., Part No. M0002-122496, pp. 1-94, 1995
	EDIF Newsletter, Issue 2, Number 2, June 1994.
	EDIF Newsletter, September 1994.
	EDIF Newsletter, Issue 3, Number 1, February 1995.
	EDIF Newsletter, June 1995.
	EDIF Newsletter, August 1995.
	EDI Forum: The Journal of Electronic Data Interchange, "EDI Vendor Viewpoints".
	<u>Enterprise Messaging Services (EMS™) Developer's Guide</u> , EMS Release 3.3, Sybase Inc., 6475 Christie Ave, Emeryville, CA, 94608, Document ID: 36315-01-0330-01, revised 15 July 1996
	<u>Enterprise Messaging Services (EMS™) Installation Guide</u> , EMS Release 3.3, Sybase Inc., 6475 Christie Ave, Emeryville, CA, 94608, Document ID: 36315-01-0330-01, revised 15 July 1996
	<u>Enterprise Messaging Services (EMS™) Developer's Guide</u> , EMS Release 3.4, Sybase Inc., 6475 Christie Ave, Emeryville, CA, 94608, Document ID: 36315-01-0340-01, revised 31 December 1996
	"EDI Vendor Viewpoints," <u>EDI Forum: The Journal of Electronic Data Interchange</u> , Founding Issue
	IBM Technical Disclosure Bulletin, Vol. 28, No. 5, IBM Corporation, pp. 2160-2161, October 1985

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER INITIAL	
	IBM Corporation, "MQSeries Version 5: The Next Generation," (visited on April 20, 1998) > http://www.software.ibm.com/ts/mqseries/library/whitepapers/mq5/ <
	"Instantiating LPM in EDIF", LPM 2 2 0.
	"Internet Middleware; ActiveWeb" Network Computing, CMP Media Inc., May 1, 1997
	Introduction to the ActiveWeb System: ActiveWeb 1.2, Active Software, Inc., Part No. M0004-122496, pp. 1-36, 1996
	"Linking Legacy Systems and Net Technology" <u>Internet Week</u> , Phillips Business Information, Inc., July 1, 1996
	"New Era of Networks Provides IBM MQSeries Users with Complete Packaged Solution for Enterprise Application Integration; New Era of Networks Becomes IBM BESTeam Partner," <u>Business Wire</u> , Business Editors & High Tech Writers, August 18, 1997
	"New Era of Networks Announces NEONet 2.2; Company Delivers Enterprise Software Product for Application Integration," <u>Business Wire</u> , Business Editors & High Tech Writers, 15 July 1996
	"New Era of Networks Announces Immediate Availability of Enterprise Software for Application Integration; NEONet Release 2.3 Delivers Connectivity to Multi-Vendor Computing Environments," <u>Business Wire</u> , Business Editors & High Tech Writers, July 15, 1996
	"NEW PRODUCTS", <u>Electronic Commerce News</u> , Phillips Business Information, Inc., August 18, 1997
	"Open Applications Group Integration Specification", Open Applications Group, Incorporated, Document Number 1996.02.02, Version 1.002.0.
	"Prior Art Statement of Corporate Express," United States District Court Northern District of Illinois Eastern Division, Civil Action No. 02 C 6355, <u>iWorks Software, LLC v. Corporate Express Inc.</u>
	"Release Bulletin Enterprise Messaging Services (EMS™) Release 3.3 for DOS, Windows, and UNIX," Sybase Inc., 1989-1996, pp. 1-6, 15 July 1996
	"Report of Working Group on Data Exchange Formats", SoftNexx'94 Data Formal Report. < http://www.neutron.anl.gov/SoftNeSS/SoftNeSS_report_1.html > (visited July 15, 2002)
	"Road Map to Developing ActiveWeb Applications," Roadmap.fm (02-C-6355 N.D. Ill), pp. 1-2, 18 December 1996
	"Smooth Integrator", <u>Informationweek</u> , CMP Media Inc., August 4, 1997
	"Startup testing C/S tier to create Net-ready apps; Active Software's ActiveWeb Developer Suite database middleware; Product Announcement," <u>ASAP</u> , Information Access Company, a Thompson Corporation Company, July 8, 1996
	"Stipulated Dismissal with Prejudice and Order for Entry of Judgment," In the United States District Court For the Northern District of Illinois Eastern Division, Civil Action No. 02 C 6355, <u>iWorks Software, LLC v. Corporate Express, Inc.</u>

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	<u>The ActiveWeb C Programmer's Guide and Reference: ActiveWeb 1.2</u> , Active Software, Inc., Part No. M0003-122496, 1996
	"The Corporate Computing Environment," ActiveWeb Inc., pp. 1-19
	"Today's Question: What Are We In The Middle Of Now," <u>Network Computing</u> , CMP Media Inc., December 1, 1996
	<u>Visual Java User's Guide: ActiveWeb 1.2</u> , Active Software, Inc., Part No. M0006-122496, pp. 1-90, 1996
	"Web Middleware Tolls the Death Knell of HTTP", <u>Network Computing</u> , CMP Media Inc., September 15, 1996

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